

Philips
professional flat TV with
Pixel Plus

42"

plasma

42HF7443



System Prepared Flat TV

with PixelPlus

This system prepared Plasma TV offers a razor sharp image with vivid colors and a large viewing angle. Combined with the optional SmartCard XPress unit it is fully prepared for interactive services and in-room entertainment.

Advanced hotel features and future proof

- Wireless SmartLoader for fast cloning
- Welcome message on screen display
- Volume limitation
- Front Controls Locking
- Switch On Channel Programming
- Security Menu Access
- Battery Low Detection for Remote Control

Interactive System Prepared, Future Proof

- SmartCard Xpress Box compatible for interactive systems
- Optional extra Power Supply (12V)
- Future proof by software upgradability

Vivid, natural and razor sharp images

- Pixel Plus for detail, depth and clarity

PHILIPS
sense and simplicity

Specifications

Picture/Display

- **Aspect ratio:** 16:9, Widescreen
- **Brightness:** 1500 cd/m²
- **Contrast ratio (typical):** 13000:1 (dynamic)
- **Diagonal screen size:** 42 inch / 107 cm
- **Display screen type:** WVGA Plasma panel
- **Picture enhancement:** Pixel Plus, Digital Crystal Clear, Progressive Scan, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control, Contrast Plus, Digital Noise Reduction, Jagged Line Suppression, Luminance Transient Improver, Sharpness Adjustment, Color Enhancement, Color Transient Improvement
- **Screen enhancement:** Anti ageing circuit, Anti-Reflection coated screen
- **Viewing angle (horizontal):** 160 degree
- **Panel resolution:** 852 x 480p

Supported Display Resolution

• Computer formats

Resolution	Refresh rate
640 x 480	60, 67, 72, 75Hz
1024 x 768	60, 70, 75Hz
800 x 600	56, 60, 72, 75Hz
1280 x 1024	60Hz

• Video Formats

Resolution	Refresh rate
640 x 480i	1Fh
640 x 480p	2Fh
720 x 576i	1Fh
720 x 576p	2Fh
1280 x 720p	3Fh
1920 x 1080i	2Fh

Sound

- **Sound System:** Virtual Dolby Surround, Nicam Stereo
- **Output power (RMS):** 2 x 15W
- **Sound Enhancement:** Auto Volume Leveller

Loudspeakers

- **Built-in speakers:** 2

Convenience

- **Ease of Installation:** PLL Digital Tuning, Fine Tuning, Program Name, Wireless Smart Loading, Advanced Hotel Mode
- **Ease of Use:** Smart Picture Control, Smart Sound Control, On Screen Display, Side Control
- **Remote control type:** RC2886
- **Teletext:** 10 page Smart Text

- **Remote Control:** TV
- **Screen Format Adjustments:** Auto Format, 7 Widescreen Modes
- **Clock:** Sleep Timer
- **Comfort:** Hotel Guest features
- **Teletext enhancements:** Fast text
- **VESA Mount:** 800 x 400 mm
- **On-Screen Display languages:** English, French, German

Tuner/Reception/Transmission

- **Tuner bands:** Hyperband, S-Channel, UHF, VHF
- **TV system:** PAL, SECAM, PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM L/L', SECAM D/K
- **Video Playback:** NTSC, PAL, SECAM
- **Aerial Input:** 75 ohm coaxial (IEC75)
- **Number of Preset Channels:** 125
- **Tuner Display:** PLL

Connectivity

- **Ext 1 Scart:** Audio L/R, CVBS in/out, RGB
- **Ext 2 Scart:** Audio L/R, CVBS in/out, S-video in
- **Other connections:** Antenna IEC75, DVI-I, PC Audio in
- **Front / Side connections:** S-video in, CVBS in, Audio L/R in, Headphone out
- **Connectivity Enhancements:** RJ12 connector, RJ45 connector, HM-Link, SmartCard Xpress box ready
- **Number of Scarts:** 2

Power

- **Power consumption:** 450 W
- **Mains power:** AC 220-240V +/-10%
- **Ambient temperature:** 5 °C to 40 °C

Dimensions

- **Weight incl. Packaging:** 47 kg
- **Color cabinet:** Silver Frost & Black Deco Front
- **Box dimensions (W x H x D):** 1321 x 939 x 330 mm
- **Set dimensions (W x H x D):** 1240 x 680 x 104 mm
- **Set weight:** 42 kg

Accessories

- **Included Accessories:** Power cord, Remote Control, User Manual, RF antenna cable, Wall mounting bracket
- **Optional accessories:** Wireless SmartLoader 22AV1 I20, Set up Remote RC2573GR

Product highlights

Wireless SmartLoader

Provides the ability to copy easy and wireless all programming settings from one TV set into other TV sets in less than a minute. The feature ensures uniformity between TV sets and significantly reduces installation time and costs.

Welcome message

A welcome greeting is displayed each time the TV set is switched on.

Volume limitation

This feature predefines the volume range with which the TV set is allowed to operate, preventing excessive volume adjustments and avoiding disturbance of next door guests.

Front Controls Locking

Prevents unauthorised access to TV functions

Switch On Channel Programming

Perfect for in-house advertising or information channels as it allows to show a predefined channel when the TV is turned on.

Security Menu Access

Provides conditional access to installation and configuration settings via a special code or master remote control

Battery Low Detection

This feature informs of the need to replace the remote control batteries preventing nuisance calls and unnecessary replacement of batteries.

SmartCard Xpress Box

The optional SmartCard Xpress Box can be mounted at the rear side of the TV set and allows third party decoders and application cards to interface with the TV adding new functionality to the TV. The TV can also be connected to external decoders and set-top boxes of all major interactive system providers, through the Serial Xpress Control Interface (supporting UART and RS232 protocols) and the SmartPlug Control interface.

Optional extra Power Supply

The (optional) Extra Power Supply ensures operation of the Expansion Slot, the Clock Display and Wake-up Alarm when the TV set is switched off.

Upgradable software

The upgradable software architecture ensures that the TV is future proof and compatible with new technologies and developments, securing your investment.

Pixel Plus

Pixel Plus is a digital picture processing technology that increases the number of lines and the number of pixels. The result is razor sharp pictures with incredible detail and depth, every time from any source.

Compact and slim design

This design style emphasizes a slim, compact look that saves space and fits in anywhere.

